

Parallel feedback

S/142/62/005/002/013/019
E192/E382

The absence of parallel feedback from the system is characterized by:

$$Y_{12} = 0$$

(3)

The effect of feedback on the anode current is particularly significant and the system can therefore be characterized by its input impedance, which is expressed by:

$$Y_{BX} = \frac{\dot{I}_1}{U_1} = Y_{11} + Y_{12} K \quad (9)$$

The second component in Eq.(9) is due to the feedback. Some simple examples of feedback amplifiers such as an anode-follower, cathode-follower and a two-stage amplifier are analysed by employing the formulae derived. There are 5 figures..

ASSOCIATION: Kafedra teoreticheskikh osnov radiotekhniki
Kiyevskogo ordena Lenina politekhnicheskogo in-ta
(Department of Theoretical Principles of Radio-
engineering of Kiev Order of Lenin Polytechnical Inst.)

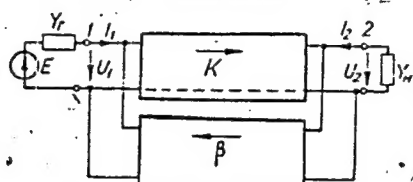
Card 2/3

Parallel feedback

S/142/62/005/002/013/019
E192/E382

SUBMITTED: February 15, 1961

Fig.1:



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LAMPUSOV, B.A., kand. pedagogicheskikh nauk, mayor

Physical exercises of submariners on a cruise. Mor. sbor.
47 no.10:61-63 0 '64. (MIRA 18:11)

ACC NR: AT6036609

SOURCE CODE: UR/0000/66/000/000/0250/0251

AUTHOR: Lampusov, B. A.

ORG: none

TITLE: Problem of the effect on the organism of prolonged restriction of movement and ways of compensating for restriction of movement by means of physical exercises
/Paper presented at the Conference on Problems of Space Medicine held in Moscow 24-27 May 1966/

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 250-251

TOPIC TAGS: hypodynamia, physical exercise, space psychology, space physiology, cardiovascular system, respiratory system

ABSTRACT:

There is little information in literature on the effects of hypokinesia on the motor sphere and on the feasibility of compensating motor activity defects with physical exercises. In studies conducted on persons kept from 15-45 days under conditions of isolated restraint, it was established that the degree and character of negative physiological shifts in the organism depended on the volume of motor activity and the degree of physical effort involved in work activity. The more severe the deprivation of movement, the more rapid the onset of adverse physiological

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ACC NR: AT6036609

microclimate factors. Frequent and brief periods of light loosening-up exercises, which do not sharply stimulate blood circulation and respiration, are appropriate during work or watch duty. Maintenance of good physical condition necessitates the performance of intensive physical training requiring considerable effort for 15-20 min, 2 or 3 times a day.

In view of the fact that with continued technological developments the amount of time spent by humans under specific conditions of limited movement, including spaceflight conditions, will constantly increase, the question arises as to the necessity of designing special portable training devices and equipment for the long-term maintenance of the normal physical conditions and the muscular work capacity of man at required levels.

[W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3

SHKOLYAR, T. T., dotsent; VOL'FSON, T. I., kand. med. nauk; LAMPUSOVA,
A. I., vrach

Comparative data on the calcium, phosphorus and potassium content
in the blood serum in amphotostosis and caries. Trudy KGMi no.2:
45-51 '60. (MIRA 15:7)

1. Iz kafedry terapevticheskoy stomatologii - zav. kafedroy
dotsent T. T. Shkolyar.

(TEETH—DISEASES) (GUMS—DISEASES)

LAMSER, V. (Praha-Nove Mesto, Gorkeho nam. 26)

Social problems of women in old age. Cesk. gynek. 30 no.6:
442-444 Ag '65.

1. Katedra sociologie University 17. listopadu v Praze.
Submitted February 11, 1965.

LAMSER, Vaclav, dr.

Social problems of farmers. Soc revue 8 no.4/5:163-172 '62.

ACC NR: AP7002975 (A,N) SOURCE CODE: UR/0413/66/000/024/0072/0072

INVENTOR: Beylin, A. Yu.; Nikitin, Yu. N.; Lamshina, V. A.

ORG: None

TITLE: A method for sintering cermet products. Class 40, No. 189583

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 24, 1966, 72

TOPIC TAGS: cermet product, sintering, hydrocarbon, gasoline

ABSTRACT: This Author's Certificate introduces a method for sintering cermet products (e. g. thermoelectric half cells) under pressure in a liquid medium. The mechanical properties of the products are improved and the productivity of the method is increased by sintering the pressed products in hermetically sealed vessels filled with a liquid hydrocarbon, e. g. gasoline.

SUB CODE: 11, 13/ SUBM DATE: 02Jul63

Card 1/1

UDC: 621.762.52

SREBRYAKOV, S.G.; LAMZIN, V.P.

How we cultivate sandy soils. Zemel'de 20 no. 8:4-42 Ag 16.
(MIRA 18:11)

1. Glavnyy agronom sovkhosa "Dinamo", Klinakogo rayona, Moskovskoy oblasti (for Serebryakov). 2. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov nachernozemnoy zony (for Lamzin).

LAMSHCHIKOV, P. M.

Veterinarian, Minsk. On reexamination of the existing method of tri-
chinelloscopy

SO: Veterinariya; 30 (5) May 53

KLACHKO, N.S.; LAMSKAYA, T.A.

Prognostic significance of influenza antibodies in the blood in
influenza. Nov.med. no.38:76-82 '53. (MLRA 7:5)

1. Iz Otdela virusologii (zaveduyushchiy - chlen-korrespondent
Akademii meditsinskikh nauk SSSR professor A.A.Smorodintsev) Instituta
epidemiologii, mikrobiologii i gigiyeny im. Pastera (direktor N.P.Ivanov).
(Influenza) (Antigens and antibodies)

SHIKINA, Ye.S.; LAMSKAYA, T.A.

Effectiveness of the complement fixation reaction and the
hemagglutination inhibition reaction in the diagnosis of clinically
pronounced forms of mumps. Trudy Len. inst. epid. i mikrobiol.
16:90-97 '58. (MIRA 16:8)

(MUMPS) (COMPLEMENT FIXATION)
(BLOOD—AGGLUTINATION)

MAKSIMOV, I.: Prinimali uchastiye: ZHIRNOV, D.; LAMSKIY, P.; POTAPOV, I.;
CHERNOV, V.. LOTYSHEV, I.P., red.; KHLOBORDOV, V.I., tekhn.red.

[Sochi; on the 50th anniversary of the Sochi-Matsesta Resort]
Sochi; k 50-letiiu Sochi-Matsestinskogo kurorta. Krasnodar,
Krasnodarskoe knizhnoe izd-vo, 1959. 62 p. (MIRA 13:7)
(Sochi--Description)

LAMTATIDZE, B.P.; KHUSHISVILI, G.F.

Direct method of preparing high-silicon silicon-manganese. Prom.
energ. 15 no.10:18 0 '60. (MIRA 13:11)
(Silicon-Manganese alloys)

POHOMAREV, F.G.; YESIPOVA, L.G.; LAMTEVA, O.G.; MIZILINA, M.G.; FARBEROVA,
B. Sh.

Unsymmetrical organic α -oxides. Some conversions of α -oxides.
Trudy VGU 49:9-14 '58. (MIRA 13:5)
(Oxides)

12(5)

SOV/113-59-7-11/19

AUTHOR: Lamunin, N.S.

TITLE: Dump Trucks for Construction Sites

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 7, pp 32-34
(USSR)

ABSTRACT: The author reviews the development of special dump trucks for construction sites. In Table 1, he presents a list of British, Hungarian and other foreign special purpose dump trucks of different dimensions. He points out the advantages of such special vehicles compared to ordinary dump trucks, GAZ-93, ZIL-585, MAZ-205, which are uneconomical on construction sites. He mentions the experience with Hungarian DR-50-C special dump trucks, which had some essential design defects. These effects were eliminated in the DR-50-D model. The operation of dump trucks should be limited to construction sites. Construction material should

Card 1/2

SOV/113-59-7-11/19

Dump Trucks for Construction Sites

be transported on regular trucks if the distance exceeds 5 km. The author recommends the application of special dump trucks for construction sites. There are 2 photographs, 1 graph and 2 tables.

ASSOCIATION: NII Organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi (stroitel'stvu) (Scientific Research Institute for the Organization, Mechanization and Technical Assistance to Construction Sites)

Card 2/2

1. Kazarinov, V.M.
KAZARINOV, V.M., kand. tekhn. nauk; LAMUNIN, S.N., inzh.

Dump trucks of a special type. Mekh. stroi. 15 no.1:29-31 Ja '58.
(Dump trucks) (MIRA 11:1)

LAMUNIN, S.N., ingh.

Dump trucks used in road construction. Avt. dor. 21 no.12:15-16
D '58. (MIRA 12:1)

(Dump trucks) (Road construction)

KAZARINOV, V.M., a muszaki tudományok kandidátusa; LAMUNIN, Sz.N. [Lamunin, S.N.],
mérnök; JELEI, Sándor, dr. [translator]

Specific automatic machines; dumpers. Jarmu mezo gep 6 no.2:33-35
'59.

LAMUNIN, Sergey Nikolayevich; KUTIKOV, G.S., red.; GALAKTIONOVA, Ye.N.,
tekhn.red.; NIKOLAYEVA, L.N., tekhn.red.

[Operation of special dump trucks] Ekspluatatsia spetsial'nykh
avtomobilei-samosvalov. Moskva, Nauchno-tekhn.izd-vo M-va avto-
mobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 56 p.
(Dump trucks) (MIRA 13:7)

LAMUNIN, S.

The NAMI-790 semitrailer for panel transportation. Avt.
transp. 40 no.3:29 Mr '62. (MIRA 15:2)
(Truck trailers)

ACCESSION NR: AP4033108

S/0120/64/000/002/0061/0063

AUTHOR: Lammunin, V. I.; Rudakov, V. P.; Serikov, I. N.; Sokolov, N. I.;
Khalidin, N. N.

TITLE: Vacuum scatter chamber for studying charged-particle reactions

SOURCE: Pribery* i tekhnika eksperimenta, no. 2, 1964, 61-63

TOPIC TAGS: scatter chamber, vacuum scatter chamber, nuclear measurement,
particle reaction, particle scattering

ABSTRACT: A scatter chamber (see Enclosure 1) consists of a steel housing 1, lower lid 2, and upper movable lid 3. The primary particle beam, restricted by graphite diaphragms 4 and 5, passes the filter chamber 6 and is collimated by a set of tantalum diaphragms. Then, the beam strikes the target and goes into the Faraday cylinder. Filter disks 7 are remote-operated by ShI-11 step-by-step telephone-type switches located inside the filter chamber. Diaphragms 8 and 10

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ACCESSION NR: AP4033108

belong with the collimator, while diaphragms 9 and 11 remove fringe particles. Detectors are fastened to the movable lid 3 by means of a nipple 15 which is positioned at an angle of 10° from the central plane of the chamber. The recording angle can be varied within 100° - 170° without disturbing the vacuum. Remote control is provided for the detector position, target replacement, and filter changes in the primary and secondary beams. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 01Jun63

DATE ACQ: 11May64

ENCL: 01

SUB CODE: NS

NO REF SOV: 004

OTHER: 001

Card 2/3

LAMBREV, L. Prof.

Post-term pregnancy in atretic accessory horn. Khirurgia
Sofia 9 no.9:827-831 1956.

1. Visshe Meditsinski Institut I.P. Pavlov-Plovdiv Katedra po
Akusherstvo i Ginekologiya. Zav. katedrata: prof. L. Lambrev.

(PREGNANCY,

post-term in atretic accessory horn (Bul))

(UTERUS, abnormalities,

atretic accessory horn, post-term pregn. (Bul))

LAMYKIN, Ivan Alekseyevich; TATUR, S.K., prof., red.; KHROMOVA, Ye.A.,
red.; YERMAKOV, M.S., tekhn.red.

[Analysis of collective-farm economy; a brief course of lectures]
Analiz khoziaistvennoi deiatel'nosti kolkhov; kratkii kurs
lektsii. Pod red. S.K.Tatura. Moskva, Izd-vo Mosk.univ., 1960.
85 p. (MIRA 13:7)
(Collective farms--Accounting)

LAMYKIN, Ivan Alekseyevich, dots.; SHEREMET, Anatoliy Danilovich,
dots.; GUREVICH, N.A.; red.

[Analysis of the economics of socialist enterprises] Analiz
ekonomiki sotsialisticheskikh predpriyatiy. Moskva, Izdat-
Mosk. univ., 1964. 126 p. (MIRA 1969)

LAMYKIN, S. M.

ISAKOV, I.S., prof., admiral flota, otv.red.; PETROVSKIY, V.A., dotsent, kand.voyenno-morskikh nauk, kontr-admiral, red. [deceased]; DEMIN, L.A., dotsent, kand.geograf.nauk, inzh.-kapitan 1 ranga, glavnyy red.; BARANOV, A.N., red.; BERG, L.S., akademik, inzh.-mayor, red.; BOLOGOV, N.A., dotsent, kontr-admiral v otstavke, red.; VITVER, I.A., professor, doktor geograf.nauk, red.; GRIGOR'YEV, A.A., akademik; YEGOR'YEV, V.Ye., zasluzhennyy deyatel' nauki, prof., doktor voyenno-morskikh nauk, kontr-admiral v otstavke, red.; ZIMAN, L.Ya., prof., red.; ZUBOV, N.N., prof., doktor geograf. nauk, inzh.-kontr-admiral v otstavke, red.; KAVRAYSKIY, V.V., prof., doktor fiziko-mat.nauk, inzh.-kontr-admiral v otstavke, red.; KALESNIK, S.V., prof., doktor geograf.nauk, red.; KUDRYAVTSEV, M.K., general-leytenant tekhn.voysk, red.; LAMYKIN, S.M., kapitan 1 ranga, red.; MATUSEVICH, N.N., zasluzhennyy deyatel' nauki i tekhniki, prof., doktor fiziko-mat.nauk, inzh.-vitse-admiral v otstavke, red.; [deceased]; MESHCHANINOV, I.I., akademik, red.; MILENKI, S.G., red.; ORLOV, B.P., prof., doktor geograf.nauk, red.; PANTELEYEV, Yu.A., vitse-admiral, red.; SNEZHINSKIY, V.A., dotsent, kand.voyenno-morskikh nauk, inzh.-kapitan 1 ranga, red.; SALISHCHEV, K.A., prof., doktor tekhn.nauk, red.; TRIBUTS, V.F., admiral, red.; FOKIN, V.A., vitse-admiral, red.; SHVEDE, Ye.Ye., prof., doktor voyenno-morskikh nauk, kontr-admiral, red.; SHULEYKIN, V.V., akademik, inzh.-kapitan 1 ranga, red.; PAVLOV, V.V., inzh.-polkovnik, red.; VOLKOV, F.G.,
(Continued on next card)

ISAKOV, I.S.---(continued) Card 2.

podpolkovnik, pomoshchnik glavnogo red. po izd-vu; SEDOV, N.Ye., kapitan 2 ranga, uchenyy sekretar'; VOROB'YEV, V.I., kapitan 1 ranga, red.kart; MIGALKIN, G.A., inzh.-kapitan 1 ranga, red.kart; GAPONOVA, A.A., red.kart; GONCHAROVA, A.I., red.kart; GORBACHEVA, N.Ye., red.kart; GRYUNBERG, G.Yu., red.kart; DUROV, A.G., red.kart; YERSHOV, I.B., red.kart; ZIL'BERSHER, A.B., red.kart; KASTAL'SKAYA, N.I., red.kart; KUBLIKOVA, M.M., red.kart; MAKAROVA, V.N., red.kart; MOROZOVA, A.F., red.kart; PAVLOVA, Ye.A., red.kart; POCHUBUT, A.N., red.kart; ROMANOVA, G.N., red.kart; SMIRNOVA, L.V., red.kart; SMIRNOVA, L.N., red.kart; TANANKOVA, A.I., red.kart; YANEVICH, M.A., red.kart; YASINSKAYA, L.F., red.kart; VASIL'YEVA, Z.P., tekhn.red.; VIZIROVA, G.N., tekhn.red.; GOLOVANOVA, A.T., tekhn.red.; GOROKHOV, V.I., tekhn.red.; MALINKO, V.I., tekhn.red.; SVIDERSKAYA, G.V., tekhn.red.; CHERNOGOROVA, L.P., tekhn.red.; FURAYEVA, Ye.M., tekhn.red.

[Marine atlas] Morskoi atlas. Otv.red. I.S. Isakov. Glav.red. L.A. Demin. Izd. Morskogo general'nogo shtaba. Vol.1 [Navigation geography] Navigatsionno-geograficheskii. Zamestitel' otv. red. po I tomu V.A. Petrovskii. 1950. 83 maps. (MIRA 12:1)

(Continued on next card)

ISAKOV, I.S.---(continued) Card 3.

1. Russia (1923- U.S.S.R.) Voenno-morskoye ministerstvo.
2. Nachal'nik Morskogo kartograficheskogo instituta voenno-morskikh sil (for Larykin).
3. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Orlov).
4. Nachal'nik Gidrograficheskogo upravleniya voenno-morskikh sil (for Tributs).
5. General'nyy gosudarstv. direktor topograficheskoy sluzhby (for Baranov).
6. Direktor topograficheskoy sluzhby (for Milenki).
(Ocean--Maps) (Harbors--Maps)

LAMZA, Zlatko, dr.

The picture of the modern general practitioner and his relation to the specialist. Lijecn. vjesn. 86 no.1:5-11 Ja'64

1. Iz Opce bolnice u Osijeku.

5

S/135/61/000/003/011/014
A006/A001

AUTHOR: Lamzin, A. G., Engineer

TITLE: A Semi-Automatic Machine for Welding of Plugs on Aluminum Alloy Castings

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 3, pp. 34-36

TEXT: At the Stalingrad Research Institute of Machinebuilding Technology a specialized semi-automatic machine, the CIIA-200 (SPA-200) was developed for argon-arc welding of plugs sealing technological apertures in aluminum alloy castings (Fig. 1). The work was carried out with the participation of engineer Yu. F. Bodyakin and master A. I. Zhdanov. The SPA-200 machine is a portable pistol, as shown in Figure 2, composed of the following parts: 1 - aluminum body; 2 - handle containing a current conducting busbar, an argon conducting tube and conductors controlling the devices placed in a separate cabinet; 3 - button mechanism for automatic control; 4 - tip with aperture for fastening exchangeable tongs with the electrode and its nozzle; 5 - metallic support of the tip; 6 - electric motor (27 v); 7 - sliding contact. The devices for the automatic control of argon supply and welding current are placed in a separate cabinet.

Card 1/5

S/135/61/000/003/011/014
A006/A001

A Semi-Automatic Machine for Welding of Plugs on Aluminum Alloy Castings

Special attention was paid to the insulation of the electric motor against the effect of high-frequency current used to facilitate the arc excitation. The equipment includes a CTГ-34 (STE-34) welding transformer, a PCTГ-34 (RSTE-34) choke; a PE-300 (RB-300) ballast rheostat; a OC-1 (OS-1) oscillator, an argon cylinder; an oxygen reductor and a rotameter. The electric circuit diagram is shown in Figure 3. The machine is intended for the welding of circumferential seams of 35 - 50 mm in diameter with non-consumable tungsten electrode without filler wire. For the welding process the pistol support is placed into the recess in the center of the plug. The weld joint is produced by fusion of metal on the edges of the casting and of the plug. During rotation of the tip the electrode describes a circular motion. The transmission of the rotary moment to the tip is performed through a three-stepped reductor with a transmission ratio equal to 171. The technical characteristics of the machine are listed below:

Welding speed in m/hr	6.6 - 14.4
Welding current in amps	30 - 200
Voltage of the power supply circuit in v	220

Card 2/5

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A006/A001

A Semi-Automatic Machine for Welding of Plugs on Aluminum Alloy Castings

Welding time of one plug in min.	1.1 - 2
Diameter of tungsten electrode in mm	2 - 4
Argon consumption per one welding cycle in liters	8 - 12
Dimensions in mm	390 x 276 x 104
Weight in kg	3

The machine was tested when welding cylindrical 4(Al4) alloy plugs of 35 mm in diameter with a recess in the center. The plugs were placed into the apertures of the casting, flush with the external surface, and a minimum gap. Figure 4 shows a section of a casting with a plug, prior and after the welding. The casting is preheated on a special hearth. Optimum welding conditions assuring penetration to at least 3 mm depth are: 180 - 195 amp current, 8 l/min argon consumption; preheating temperature of the casting prior to welding - 150°C. The assimilation of the SPA-200 device in the industry reduces production costs of the work pieces; improves the quality of closing the apertures and raises labor efficiency by a factor of 7 - 8 as compared to acetylen-oxygen welding of plugs.

Card 3/5

S/135/61/000/003/011/014
A006/A001

A Semi-Automatic Machine for Welding of Plugs on Aluminum Alloy Castings

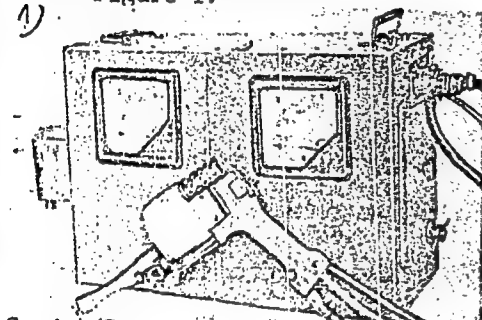
Figure 1:

Semi-automatic SPA-200 machine for argon-arc welding with non-consumable electrodes (general view)

Figure 2:

Cross sectional diagram of SPA-200 semi-automatic machine

Figure 1:



Card 4/5

Figure 2:

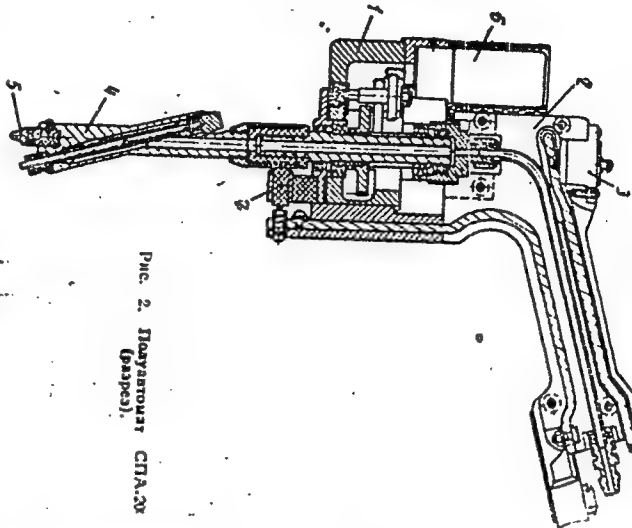
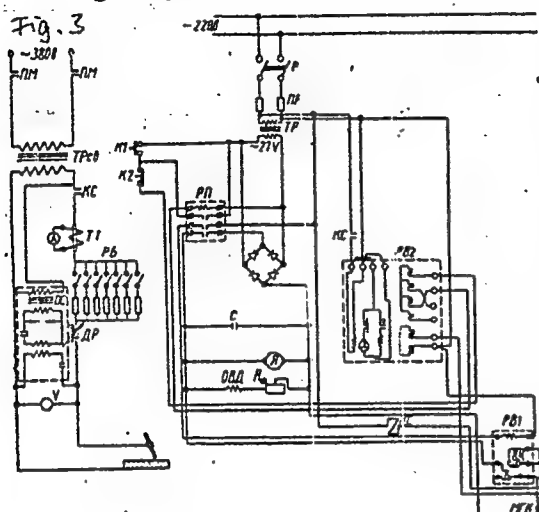


Fig. 2. Diagram of SPA-200 (general view)

S/135/61/000/003/011/014
A006/A001

A Semi-Automatic Machine for Welding of Plugs on Aluminum Alloy Castings

Figure 3:



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Figure 4:

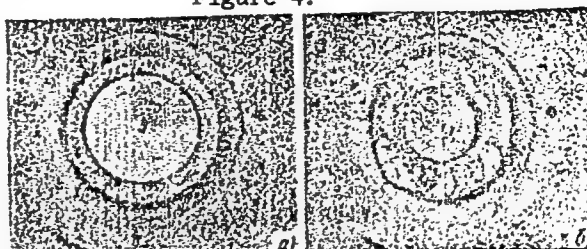


Figure 3:
Electric circuit diagram of SPA-200 semi-automatic machine

Figure 4:
Plug prior to (a) and after () welding
There are 5 figures.

ASSOCIATION: Stalingradskiy nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya (Stalingrad Scientific-Research Institute of Machinebuilding Technology)

LAMZIN, A.G., inzh.

Wire for propane-butane welding. Svar.proizv. no.4:35 Ap '64.
(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tekhnologii
mashinostroyeniya.

LAMZIN, D.I.

LAMZIN, D.I.

[OIR machine for trimming superfluous welting and edges in shoe manufacture] Mashina OIR dlia obrezki izlishkov ranta i zhatiaznoi kromki zagotovki obuvi. Moskva, Gos.nauchno-tekhn.izd-vo M-va legkoi promyshl.SSSR, 1957. 128 p. (MLRA 10:9)
(Shoe machinery)

LAMZIN, V.P.; ZAGORSKIY, G., red.; SHLYK, M., tekhn.red.

[Green fallows] Zaniatye pary. Moskva, Mosk.rabochii, 1961.
15 p. (MIRA 14:7)

(Following)

LANZIN, V.S.

Dispensary service for river boat personnel in the upper Volga
basin. Zdrav. Ros. Feder. 5 no.11:36-38 N '61. (MIRA 14:10)

1. Nachal'nik Verkhne-Volzhskogo vodzdravotdela.
(VOLGA RIVER—MERCHANT SEAMEN—MEDICAL CARE)

IAMZOVA, A., inzhener.

Improved steel frame used in coal mining. Mast, ugl. 2 no. 10:22 0 '53.
(MLRA 6:10)
(Mine haulage)

LAMZOVA, A., inzhener.

Suggestions of Kuznetsk Basin innovators. Mast.ugl. 3 no.2:19-21 F '54.
(MIRA 7:3)
(Coal mines and mining)

LAMZOVA, A., inzhener.

Improving methods of repairing equipment. Mast.ugl.6 no.1:18-19
Ja '57. (MIRA 10:4)
(Kuznetsk Basin--Coal mining machinery--Repairing)

LAMZOVA, M., gorany inshener.

Efficiency experts exploit production reserves. Mast.ugl. 2 no.4:23-24
Ap '53. (MLRA 6:5)

(Coal mines and mining)

FRANTAS'YEV, N.A.; Prinimali uchastiye: KIRILENKO, I.S.; DOLGIKH, T.K.;
LAMZOVA, M.V.

Effect of impurities on the electrolysis of magnesium chloride
and carnallite. TSvet. met. 38 no.2:64 F '65.

(MIRA 18:3)

LAN, Jiri; NACHTMAN, Karel

Development of the telephone service in the Chinese capital
Peking. Cs spoje 7 no.9:30 S '62.

IAN, Jiri; NACHTMAN, Karel

Experimental automatic telephone operation on the line Benesov --
Praha. Cs spoje 7 no.8:18-19 Ag '62.

1. Stredoceska krajska sprava spoju.

BOBEK, K.; KARLICHEK, V.; IAN, V.

Significance of serum transaminases in diagnosis and prognosis of myocardial infarct. Terap. arkh. 31 no.2:54-60 F '59. (MIRA 12:1)

1. Iz terapeuticheskoy kliniki (zav. - prof. K.B. Bobek) meditsinskogo fakul'teta Karlova universiteta, Pil'zen, Chekhoslovakiya.

(MYOCARDIAL INFARCT, blood in,
transaminases, diag. & progn. aspects (Rus))

(TRANSAMINASE, in blood,
in myocardial infarct, diag. & progn. aspects (Rus))

PETERA, V.; BOBEK, K.; LAN, V.

Activity of serumal glutamic-oxalacetic and glutamic-pyruvic transaminases and of lactic dehydrogenase following the administration of methyltestosterone. Terap. arkh. 34 no.4:95-97 '62.
(MIRA 15:6)

1. Iz terapevticheskoy kliniki (zav. - prof. K. Bobek) meditsinskogo fakul'teta Karlova universiteta, Pl'zen, Cherkhoslovakiya.

(TRANSAMINASES) (LACTIC DEHYDROGENASE)
(TESTOSTERONE)

BOBEK, Karl; PETERA, Voytek; LÁN, Vilém; ~~INDRA~~, Yaroslav [Jndra, J.];
KARLICHK, Vyacheslav; ~~SPEVACHEK~~, Yarmilo [Spevaček, J.]

Transaminases and Botkin's disease [with summary in English].
Klin.med. 37 no.1:33-40 Ja '59. (MIRA 12:3)

1. Iz kliniki vnutrennikh bolezney (zav. - prof. K. Bobek) i infektsionnogo otdeleniya Oblastnogo isnitututa narodnogo zdravookhraneniya (zav. I. Zdravzhil) v Pil'zene (Chekhoslovakiya).

(HEPATITIS, INFECTIOUS, blood in
glutamic oxalacetic & glutamic pyruvic transaminases
(Rus))

(TRANSAMINASES, in blood
glutamic oxalacetic & glutamic pyruvic transaminases
in infect. hepatitis (Rus))

PETERA, V.; LAN, V.

Increased aminopherase activity of the blood serum after the
administration of methyltestosterone. Terap.arkh. 32 no.11:
29-30 N '60. (MIRA 14:1)

1. Iz terapevticheskoy kliniki (zav. - prof. K. Bobek) meditsin-
skogo fakul'teta Karlova universiteta, Pil'zen - Chekhoslovakiya.
(TRANSAMINASE) (TESTOSTERONE)

LAN, Yu.[Lang, J.], inzh.

Theoretical comparative analysis of the productive process of rotary bucket and chain-and-bucket type excavators. Sbor. trud. MISI no.39:236-243 '61. (MIRA 16:4)

1. Institut transportnoy tekhniki v Drezdene, Germanskaya Demokraticeskaya Respublika.

(Excavating machinery)

LANA, Rudolf

Revision of Czechoslovak Standard 27 0140 and the unification
of safety regulations in the Council for Mutual Economic
Assistance. Normalizace 13 no.2:49-52 F '65.

1. Study and Typification Institute, Prague.

S/044/62/000/009/011/069
A060/A000

AUTHORS: Vojtášek, Stanislav, Lanáč, Karel

TITLE: Qualitative analysis of a new oscillator circuit

PERIODICAL: Referativnyy zhurnal, Matematika, no. 9, 1962, 32, abstract 9B170.
("Některé probl. z teorie obvodů." Praha, ČSAV, 1961, 223 - 238;
German; summaries in Czech, Russian, English)

TEXT: A nonlinear third-order differential equation is investigated, which describes the transient process after switching on the oscillator. The stability of the equilibrium point and the stability of the aperiodic motions is studied by known methods. The neighborhood of the periodic motion is investigated with the aid of simulators. The possibility of applying simulators also to quantitative analyses of the transient process is indicated.

Ye.A. Barbashin

[Abstracter's note: Complete translation]

Card 1/1

LANADU, L.G., arkhitektor; OSTORVSKIY, M.Ye., arkhitektor.

From practise in designing industrial buildings. Stroi. prom. 33
no.5:22-27 My '55. (MLRA 8:6)

1. GIPROTIS.
(Factories--Design and construction)

LANG, A.; TRNKA, Z.: STRZL, J

"A bactericidal serum substance unrelated to its complement. I. Basic characteristics of bacteriocidin."

ČESKOSLOVENSKÁ MIKROBIOLOGIE, Praha, Czechoslovakia, Vol. 3, no. 6, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

STERZL, J.; KOSTKA, J.; LANC, A.

Development of bactericidal properties against gram-negative organisms
in the serum of young animals. Folia microbiol. 7 no.3:162-174 '62.

1. Department of Immunology, Institute of Microbiology, Czechoslovak
Academy of Sciences, Prague 6.
(IMMUNE SERUMS) (GERM FREE LIFE) (BACTERIA)

STERZL, J.; KOSTKA, J.; LANC, A., technicka spoluprace HOFMANOVA, B.; ZALOUDKOVA, D.

The nature of properties of bactericidal serum against gram-negative microorganisms. Cas.lek.cesk 101 no.3:65-71 19 Ja '62.

1. Mikrobiologicke oddeleni, Biologicky ustav, Ceskoslovenska akademie ved, Praha.

(BACTERIA) (BLOOD)

MILER, I.; KOSTKA, J.; SINEK, L.; LANG, A.

Fate of endotoxin in the intestine of newborn bacteria-free piglets mono-contaminated with *Escherichia coli*. *Folia microbiol. (Praha)* 9 no.5:277-283 S '64.

1. Department of Immunology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 4.

LANC, J. - Strojirenstvi - Vol. 5, no. 4, Apr. 1955.

Automatic regulation of the valve clearance in automobile engines. p. 247.

SO: Monthly list of East European Accessions, (NEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

LANC, J.; MELENA, J.

The Praga motor trucks.

p. 87 (Automobil) Vol. 1, no. 3, Mar. 1957 Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (ZEAI) LC, VOL. 7, No. 1, Jan. 1958

LANG, J.

50 years of the technical progress of the Praga automobiles.

p. 359 (AUTOMOBIL) Vol. 1, no. 11, Nov. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No.3,
March 1958

LANC, Jan, inz.

Aluminum in construction of commercial vehicles. Automobil Cz 7
no.4:89-90 A₂ '63.

LANG. Jan, inz.

Economical aspect of the automobile design. Automobil Cz 9
no.2:20-22 F '65.

SOLCOVA, Jitka; LANC, Josef

Evaluation of glass reinforced plastics by microscopic analysis.
Part 1: Preparation of samples. Chem prum 12 no.11:628-633 N '62.

1. Statni vyzkumny ustav materialu a technologie, Praha.

LANC, O., inz.; HOSKOVEC, J., dr.

Engineering psychology and the design of automobiles. Automobil
Cz 9 no.3:2-4 Mr '65.

LANC, Otto, inz.

"Special semiconductor parts" by Milos Ulrych. Reviewed by
Otto Lanc., Elektrotechnik 18 no.6:186 Je '63.

LANC, Otto; VOJTECHOVSKY, Milos; HORACKOVA, Eva

A new modification of tapping test. Methodological considerations.
Cesk.psychiat.56 no.5:323-328 0'60.

1. Ustav pro vyzkum vyzivy lids, Praha-Krc.
(PSYCHOLOGY equip & supply)

DIAMANT, J.; DRVOTA, St.; ~~LANG, O.~~; SRNEC, J.

Experience with laboratory evaluation of the susceptibility to anxiety. Cesk.psychiat.56 no.6:403-410 D '60.

1. Psychiatricka klinika a psychologicka laborator KU v Praze.
(ANXIETY)

CZECHOSLOVAKIA

LANC, O. and HLADIK, J.; [Affiliation not given,] Prague.

"Blinker with Rotating Screen."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 294-298.

Abstract : Description of flicker generator, from 5 to 60 blinks/second with intervals = flickers in duration; intensity can also be varied from minimal to that of automobile headlight. Two electric schematic diagrams, 3 photographs; 1 Czech and 8 Western references.

LANC, O.; PETRIK, M.

Methods of respiration recording. Acta nerv. sup. (Praha) 6
no.4:440-450 '64.

1. Pedagogicky ustav J.A. Komenskeho Ceskoslovenskej akademie
vied, Praha, a Foniatricka laborator fakulty vseobecneho lekarstvi
Karlovy University, Praha.

LANCA, Alois, MUDr.

Two cases of diabetes mellitus in children. Cesk. pediat. 10 no.9:
706-709 Nov 55.

1. Z detského oddelení OUNZ v Prostějově, pred. MUDr. Alois Lanca.
(DIABETES MELLITUS, in infant and child,)

JANKOVSKY, Frantisek, inz.; LANGA, Ivo, inz.; VESELY, Josef.

Qualitative evaluation of the operation of sugar beet harvester
lifting units. Zemedel tech 10 no.8:501-508 Ag'64

1. Research Institute of Agricultural Machines, Chodov near
Prague, Direktor of the Institute: inz. Jaroslav Homolka.

TAVADZE, F.N., akademik; LANCHAVA, M.D.

Effect of overheating and inoculation on the properties of
gray cast iron. Soob. AN Gruz. SSR 33 no.3:621-626 Mr '64
(MIRA 17:8)

1. Gruzinskiy metallurgicheskiy institut, Tbilisi. 2. Akademiya
nauk Gruzinskoy SSR (for Tavadze)

TAVADZE, F.N.; PETRIASHVILI, B.V.; LANCHAVA, M.D.

Overheating of cupola iron. Lit.proizv. no.3:10-12 Mr '62.
(MIRA 15:3)

(Cupola furnaces) (Electric heating)

BORUKHIN, B.Ya.; TAVADZE, F.M.; LANCHAVA, M.D....

Letters to the editors. Lit. proizv. no.8:47-48 Ag '64. (MIRA 18:10)

TAVADZE, F.N., akademik; MARIYENBAKH, L.M., doktor tekhn. nauk; LANCHAVA,
M.D., kandi. tekhn. nauk

Design of equipment for the direct electric heating of a stream
of liquid cast iron. Lit. proizv. no.9:18 S '65. (MIRA 18:10)

1. AN Gruzinskoy SSR (for Tavadze).

TAVADZE, F.N.; PETRIASEVILI, B.V.; LANCHAVA, M.D.

Pinch effect phenomenon in direct action electric resistance furnaces.
Trudy Inst. met. AN Gruz. SSR 13:65-69 '62. (MIRA 17:9)

TAVADZE, F.N.; PETRIASHVILI, B.V.; LANGHAVA, M.D.

Superheating of cupola cast iron. Tekhnika Bulg 11 no.4:147-149 :62.

SULAKVELIDZE, G.K., prof.; LANCHEVA, V.F.

On the peaks of Elbrus. Priroda 50 no.11:72-78 N '61.
(MIRA 14:10)

1. Vysokogornyy geofizicheskiy institut (Nal'chik).
(Elbrus, Mount--Meteorological research)

LANCHEVA ~~Q~~ F. V.

- [illegible]

SKAL'SKAYA, U.L.; SEMENASH, A.F.; LANCHINSKIY, V.I.; RADUL, N.A.

Using hydrolized polyacrylamide to stabilize clay
no.7:18-20 '64.

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya
"Ukrneftegaz".

L 21841-66 EPF(n)-2/EWT(d)/EWT(m)/ETC(m)-6/T-2/EWP(f) WW/JXT(CZ)
 ACC NR: AT6008034 (N) SOURCE CODE: UR/2752/65/000/063/0081/0087

AUTHOR: Bulygin, P. A. (Associate correspondent); Mineyev, G. S. (Associate correspondent); Lanchukovskiy, V. I. (Associate correspondent)
 ORG: *23.41.5* *6.2* *BH*

TITLE: Automatic control system of a gas-turbine engine on a hydrofoil vessel

SOURCE: *Leningrad. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota. Trudy, no. 63, 1955. Tekhnicheskaya ekspluatatsiya morskogo flota (Technical operation of the merchant marine). 81-87

TOPIC TAGS: marine engine, gas turbine engine, hydrofoil, automatic control system, turboprop engine/Burevestnik hydrofoil

ABSTRACT: The Burevestnik hydrofoil vessel is powered by an aircraft turboprop engine, the automatic control system of which had to be considerably altered to operate with a hydrojet propulsion system. The automatic-control system makes it possible to maintain constant rpm under standard operating conditions. The fuel flow, which is regulated hydraulically, and the hydrojet are remotely controlled from the deck-house, using only one handle. Diagrams of the fuel system and the control unit are presented and described. Differential equations for the dynamics of the system are given, and their analytically and experimentally derived coefficients show good conformity, as seen from tabulated values. The analysis of the control system revealed that it fully meets operational demands. Transient processes related to rpm,

Cord 1/2

UDC: 629.12:621.438-50

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ACC NR: AT6008034

temperature of gas entering the turbine, and fuel flow usually occur aperiodically or for a period of only 3—4 sec. The analyzed control method still does not eliminate a static overloading due to torque or heat, or insufficient power exploitation of the engine, insofar as the fuel flow is regulated by the speed of the engine and depends on its loading. A constant-speed governor, acting on the hydrojet's control device, and thus changing its loading, is considered most promising for gas-turbine engines installed on hydrofoil vessels. Orig. art. has: 4 figures and 8 formulas. [GE]

SUB CODE: 13, 21/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 4/227 ..

Card 2/2 nst

LANCMAN, H.

Distr: 4E3c 2 cys/4E3e

^{2/} Internal conversion electrons of thulium-167. ¹⁹ S. Chojnacki, H. Lancman, ⁹
R. Sosnowski, O. Wolczek, J. Zylicz (Inst. Badan Jadrowych, Warsaw), and I. A. Yutlandov
Polish Acad. Sci., Inst. Nuclear Research, Rept. No. 115/I-A, 6 pp (1959) (in Russian).
-Transitions in Tm^{167} obtained by irradiating Tm with 660-m.e.v. protons were studied
in internal conversion electron spectra obtained within 610-4170 gauss-cm. A new
conversion line representing a 534-e.kv. transition in the K shell was attributed
to E1.

A. Szafranski

(Retyped Clipped Abstract)

Card 1/1

BB

LANCMAN, H.

Mstr: $4E3c^{1/2}$ oys

γ -Spectrum of thulium-165. S. Chojanacki, A. Jasiński,
J. Kownacki, H. Lencman (Inst. Badań Jądrowych, War-
saw), and I. A. Yutlandov. Polish Acad. Sci. Inst. Nuclear
Research, Rept. No. 120/1-A, 6 pp. (1959) (in Russian).
The spectrum of Tm^{165} , produced by irradiating a Ta target
with 660-m.e.v. protons and sepg. the Tm prepn. by
chromatographic fractionation, was obtained with a scintil-
lation spectrometer fitted with a 100-channel pulse-height
analyzer. The confirmed γ -transition lines were 243, 292,
352, 453, 810, 1172 ± 12 , and 1398 ± 12 e.kv. (cf. Gromov,
et al., C.A. 52, 2591g), a new line was 2007 ± 25 e.kv., and
the relative intensities of 1172, 1398, and 2007 lines were
1:0.23:0.08. A. Szafranski

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CHOJNACKI, S.; JASINSKI, A.; KUSCH, W.; KOWNACKI, J.; LANCMAN, H.;
YUTLANDOV, J.A.

γ spectra of ^{165}Tm and ^{167}Tm . Bul Ac Pol mat 8 no.6:407-411 '60.
(EEAI 10:6)

1. Institute of Nuclear Research, Polish Academy of Sciences.
Presented by H.Niewodniczanski.

(Gamma ray spectrometry) (Thulium)



AMBROZY, B.; PAUDROWICZ, A.; JASINSKI, A.; KOWNACKI, J.; LANCMAH, H.; LUDZIEJEWSKI, J.

Measurement of the mean life of the first excited state of Ra^{23} .
Acta physica Pol 20 no.7:537-544 '61.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

L 51805-65 EWA(k)/EWP(l)/EEG(t)/EWA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/ EWP(b)/
EWP(l)/EWA(c) Pf-l/Peo/Pi-l DIAAP/IJP(c) JD/HW/IHB

ACCESSION NR: AP5016849

PO/0046/65/010/001/0057/0059

AUTHOR: Jasinski, Adam; Kowacki, Jan; Lancman, Henryk

TITLE: Fast and convenient method of measuring the thickness of tin coatings on steel sheets

SOURCE: Nukleonika, v. 10, no. 1, 1965, 57-59

TOPIC TAGS: steel, tin plating, x ray application

ABSTRACT: Methods for measurement of the thickness of tin coating on steel sheets are usually based on the dependence of the intensity of scattered beta rays on the atomic number Z of the scattered material. This intensity is approximately proportional to the atomic number of the material investigated. Attempts were made to apply the excited x-ray fluorescence²¹ to such measurements. In view of the fact that the intensity in this case is approximately proportional to Z^4 , it is hoped that a method based on this phenomenon will be more sensitive than that mentioned above. "The authors are deeply grateful to Professor Z. Wilhelmi, head of the Department of Nuclear Physics (Warsaw University) for his kind interest and help in this work, and S. Chojnacki for many facilities in performing of the measurements." Orig. art. has 3 figures.

Cord 1/2

L 51805-65

ACCESSION NR: AP5016849

ASSOCIATION: Institute of Nuclear Research, Department I-A, Warsaw -Swierk

SUBMITTED: 10Mar64

ENCL: 00

SUB CODE: HM, NP

NO REF SOV: 001

OTHER: 000

NA

geh
Card 2/2

PUPKO, L.S.; LANCHUK, G.A.; DYCHENKO, A.I.

Synthesis of bromo derivatives of nitroformaldehyde of aryl
hydrazone. Ukr.khim.zhur. 29 no.6:610-612 '63. (MIRA 16:9)

1. Institut organicheskoy khimii AN UkrSSR.
(Formaldehyde) (Hydrazones)

FEDOROVA, G.K.; LANGHUK, G.A.

Phenyldialkylphosphazosulfonylphenyls. Zhur.ob.khim. 34 no.2:511-513
F '64. (MIRA 17:3)

1. Institut organicheskoy khimii AN UkrSSR.

GEGESI KISS, P.; LANGOS, F.

Local treatment of burns with a mixture of penicillin-fibrin-thrombin powder. Orv. hetil. 94 no. 1:14-15 4 Jan 1953. (CLML 24:1)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Pal Gegesi Kiss), Budapest Medical University.

LANCOS, FERENC, dr.

BARTA, Lajos, dr.; LANCOS, Ferenc, dr.

The relations between blood and urinary potassium in diabetes mellitus in child. Gyermekgyógyászat 5 no.8:250-254 Aug 54.

1. Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikájának (igazgató: Dr. Gegesi Kiss Pál egyet. tanár) közleménye.

(DIABETES MELLITUS, blood in potassium, relation to urinary potassium in child.)

(POTASSIUM, in urine in diabetes mellitus, relation to blood potassium in child.)

(URINE potassium, relation to blood potassium in diabetes mellitus in child.)

(BLOOD potassium, relation to urinary potassium in diabetes mellitus in child.)

LANGOS F.

BARTA, Lajos, dr.; LANGOS, Ferenc, dr.

Case of severe hypopotassemia in diabetic coma. Gyermekgyógyászat
5 no.10:309-311 Oct 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának
(igazgató: dr. Gegesi Kiss Pál egy. tanár) közleménye.

(POTASSIUM, defic.

caused by insulin ther. of diabetic coma)

(DIABETES MELLITUS, blood in

potassium defic. caused by insulin ther. of diabetic coma)

(INSULIN, inj. eff.

potassium defic. in diabetic coma)

SZEKKELY, Aron, dr.,; LANCOS, Ferenc.dr.,

Staphylococcal infections in infant and child. *Gyermekgyógyászat* 7
no.3:65-77 March 56

I.A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának
(Igazgató: Gegesi Kiss Pál dr. egyetemi tanár, akadémikus)
Közleménye.

(MICROCOCCUS PYOGENES, eff. of drugs on
antibiotics, resist. of various strains in infect. of
inf. & child (Hun))

(ANTIBIOTICS, resist. & sensitivity
Micrococcus pyogenes strains, resist. in infect. of inf.
& child (Hun))

LANCOS, Ferenc, Dr.; PARAICZ, Ervin, Dr.; SZEKELY, Aron, Dr.; SZENASY, Jozsef, Dr.

Data on the diagnosis of spinal cord tumors in childhood. Gyermekgyógy-
aszat 9 no.8-9:238-242 Aug-Sept 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának (Igaz-
gato: Dr. Gegesi Kiss Pal akadémikus, egyetemi tanár) és az Országos
Idegsebészeti Tudományos Intézet (Igazgato: Dr. Zoltan László) közleménye.
(SPINAL CORD, neoplasma
in child., diag. (Hun))

LANGOS, F.; TOTH, F.

On the appearance of high-grade heart-muscle calcification in combination with chronic nephritis. Acta med. hun. 15 no.1:229-246 '60.

1. I. Kinderklinik und II. Institut für Pathologische Anatomie der Medizinischen Universität, Budapest.

(HEART pathol.)

(NEPHRITIS pathol.)

(CALCIFICATION etiol.)

LANCOS, F.; GSILLAG, M.; KUBINYI, J.

Juvenile arrhenoblastoma. Acta paediat. 3 no.3:279-284 '62.

I. I. Kinderklinik (Direktor: Prof. Dr. P. Gegesi Kiss) und II.
Frauenklinik (Direktor: Prof. Dr. I. Zoltan) der Medizinischen
Universität Budapest.

(ARRHENOBLASTOMA)